

Civil Engineering

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Some Clay-Gravel Friction Factors, William C. Parrish, et al., CE:Feb 68:47

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Structures for a Small Arctic Surface Camp, F.L. Russell, CE:Jan 68:65

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Temperature Correction for Steel Chains, Presley J. Frederick, CE:Feb 68:57

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The BEST Approach to Engineering Design, Charles E. Carlson, Samuel A. Wigton, and Phillip C. Semprevivo, CE:Nov 68:54

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Computer Software Management and Information Center (COSMIC) facility at University of Georgia, CE:July 68:69

EJC offers courses in computer programming, CE:Jan 68:79

Freeway Ramp Control, J.H. Buhr, CE:June 68:36

Dsc: Joseph M. McDermott, CE:Aug 68:73

Indiana Section Branch to sponsor workshops on computers and steel building, CE:Aug 68:92

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Metropolitan section of New York State Society of Professional Engineers offers courses in computers, CE:Aug 68:99

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Optimization of Wind Bracing in a Tower, Demetri Zavitzianos, CE:Oct 68:60

Sacramento section sponsors education seminars on computers, CE:May 68:51

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Deterioration of Concrete in Eisenhower Lock, William R. Waugh, CE:May 68:62

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Staggered Wall Beams for Multistory Buildings, Mark Fintel, CE:Aug 68:56

Structural Strength of Plain Concrete Bells, J.S. Alagia, CE:Mar 68:54

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CONCRETE (Precast)

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PCI awards program honors ten projects, CE:Aug 68:100

Precast Boxes Stacked to Build Hotel for HemisFair, Roy W. Gillette, CE:Mar 68:44

Precast, post-tensioned building for Gulf Life Insurance Co., Jacksonville, Fla., CE:Mar 68:98

Tunnel Liners for BART Subways, W.W. Wolcott and d. Birkmyer, CE:June 68:55

Dsc: Martin P. Korn, CE:Aug 68:73; Ben C. Gerwick, Jr., CE:Nov 68:31

CONCRETE (Prestressed)

Ardrossan Bridge Employs Precast Prestressed Components, CE:Feb 68:48

Cost of Concrete Industrial Buildings, John J. Cherry, CE:Jan 68:42

Durability of prestressed concrete structures to be studied, CE:July 68:70

Forrestal Complex: Building Spans Street to Tie Split Site, E.E. Halmos, Jr., CE:Dec 68:32

International Symposia on Prestressed Concrete, Ben C. Gerwick, CE:Sept 68:64

Post-Tensioned Slabs for Long-Span Floors, Keith Thornton, CE:Apr 68:75

Precast, post-tensioned building for Gulf Life Insurance Co., Jacksonville, Fla., CE:Mar 68:98

Process developed for pressed concrete panels, CE:Aug 68:98

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CONCRETE (Reinforced)

Corrosion laboratory tests concrete spalling, CE:Jan 68:83

Design Charts for Reinforced Concrete Beams in Metric Units, Yin Au-Yeung, CE:May 68:56

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68th Annual Convention of the American Road Builders' Association, Las Vegas, Nev., Feb. 11-14, CE:Apr 68:100

7th Annual Construction Safety Conference, CE:Dec 68:89

88th Annual Meeting of the American Water Works Association, Cleveland, June; discusses costs, CE:July 68:68

American Association for the Advancement of Science meeting features transportation seminar, New York, CE:Feb 68:86

American Institute of Steel Construction 20th Annual Conference, Washington, D.C., CE:June 68:84

American Society of agricultural engineers meets, CE:Aug 68:98

American Society for Testing and Materials sponsors symposium on deep foundations, San Francisco, June, CE:Aug 68:101

Architect-Engineer Conference on "Facing the Union Problem", CE:Jan 68:74

ASCE and ASCE to co-sponsor tunneling conference, Univ. of Minnesota, May 15-17, CE:Apr 68:71

ASCE and Engineering Institute of Canada sponsor Great Lakes Conference, June 24-26, 1968, CE:Apr 68:76; CE:Nov 68:79; report CE:Aug 68:52

Dsc: William P. Rafferty, CE:Nov 68:58

ASCE co-sponsors 12th Annual Joint Power Generation Conference, San Francisco, Sept. 15-19, CE:July 68:60

ASCE co-sponsors 16th Joint Engineering Management Conference, Philadelphia, Sept. 30-Oct. 1, CE:July 68:61

ASCE co-sponsors 1968 National Incinerator Conference, New York City, CE:July 68:45

ASCE Irrigation & Drainage Div. co-sponsor Symposium on Seepage, Phoenix, March 25-26, CE:Feb 68:78

ASCE Pipeline Div. co-sponsor of International Symposium on Two-Phase Flow in Pipes, Philadelphia, March 4-6, CE:Feb 68:81

Associated General Contractors 49th Annual Conference, Dallas, Tex., CE:May 68:76

Column Research Council, annual technical session, San Francisco, May 23 and 24, CE:Apr 68:96

Commission on Irrigation, Drainage and Flood Control Conference, Phoenix, March 28-29, CE:Feb 68:78

Conference on Interprofessional Practice in Environmental Design, Univ. of Maryland, Nov. 1967, CE:Jan 68:56

Consulting Engineers Council studies liability insurance at N.Y.C. meeting, CE:June 68:75

Engineering Foundation Conference on performance of full-scale structures, Aug., Andover, N.H., CE:Oct 68:79

Engineering Foundation plans 16 summer research conferences, CE:Mar 68:78

Engineering-Mechanics and Structural Divisions sponsor conference "Optimization and Non-linear Problems, Chicago, April 18-20, CE:Feb 68:82

Federal Water Pollution Control Administration and Vanderbilt Univ. co-sponsor Symposiums on Thermal Pollution in 1968, CE:May 68:79

Highway Research Board conference features painting structures, predicting accidents, rail and transit, January, Washington, D.C., CE:Feb 68:88

International Conference on Masonry Structures, Austin, Tex., Nov. 30-Dec. 2, 1967, CE:Feb 68:91

International Forum for air cargo, San Francisco, June 10-12, CE:May 68:49

Interprofessional Conference on Education for Environmental Design, November, University of Notre Dame, CE:Sept 68:76

Is engineering obsolete? Theme of January meeting of New York Academy of Sciences, CE:Mar 68:77

Los Angeles Section co-sponsors Western Water and Power Symposium, April 8 and 9, CE:Feb 68:61

MECAR symposium, New York, Oct., on air pollution control, CE:Sept 68:73

Metropolitan and Philadelphia Sections plan seminar on planning and urban development, Rutgers Univ., Jan. 18-20, CE:Jan 68:78

Metropolitan Sections offers seminar on Rock Mechanics in Civil Engineering Practice, CE:Mar 68:78

National meeting, of Air Pollution Control Association, held in St. Paul, June, CE:Oct 68:85

Pan American Federation of Engineering Societies (UPADI) holds tenth convention in Panama City in August, CE:Oct 68:81

Sacramento section sponsors education seminars on computers, CE:May 68:51

San Francisco Local Section co-sponsors seminar on Design of Earthquake-Resistant High-Rise Buildings, CE:Jan 68:77

San Francisco Section sponsors second annual Engineering for People Conference, CE:Dec 68:79

Sanitary and Water Resources Conference, Nashville, Tenn., June 5-6, CE:Dec 68:92

SESA spring meeting, Philadelphia, May 13-16, papers wanted, CE:Sept 68:73

Specialty Research Conference on Power Research Needs Pullman, Wash., September 11-13, CE:Aug 68:89

Third International Conference on Urban Transportation, Pittsburgh, Pa., March, CE:May 68:77

Urban Hydrology Research Conference, "Water and Metropolitan Man," August 12-16, Andover, N.H., CE:Oct 68:83

Workmanship, materials and bridge-deck deterioration aspects of a report from the 47th annual meeting of the Highway Research Board in Washington, D.C., CE:Mar 68:96

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President Johnson's conservation message, CE:Apr 68:106

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Associated schools of construction meet, CE:Aug 68:99

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Construction Control With Lasers, Donald Bengtson, CE:Apr 68:72

Construction and management research grants available from Engineering Foundation, CE:Jan 68:77

Construction Engineering and Management Conference planned, Pacific Grove, Calif., Feb. 12-16, CE:Dec 68:46

Cost of Concrete Industrial Buildings, John J. Cherry, CE:Jan 68:42

Foundations for Newport Bridge, Louis G. Silano and Alfred Hedefine, CE:Oct 68:37

Morrow Point Dam Completed, B.P. Bellport, CE:Dec 68:48

Structural Design of the Bay Area Rapid Transit System, Thomas R. Kuesel, CE:Apr 68:46

Symposium on wearing surfaces part of International Association for Bridge and Structural Engineering Congress, Sept. 7, Columbia Univ., CE:Mar 68:67

Underwater tank in store oil in Arabian Gulf, CE:Aug 68:102

Universal Programs--Third Generation Systems for Third Generation Computers, Charles P.C. Tung and David Carsen, CE:Feb 68:62

Dsc: James D. Fitzgerald, CE:May 68:61; authors replay, CE:May 68:61; Robert N. Smart, CE:June 68:69

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1,000-ton Portable Crane Lifts Nuclear Reactor Vessel, Walter E. Riley, CE:June 68:70

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Brazilian Link In Pan American Highway, Allan F. Lubina, CE:Oct 68:56

New Technology in Low-Income Housing?, Kneeland A. Godfrey, Jr., CE:Jan 68:48

Post-Tensioned Slabs for Long-Span Floors, Keith Thornton, CE:Apr 68:75

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Bracing and Forming: Key to Fast Subway Construction, J. Paul Silvestri, Jr., CE:Dec 68:56

Expanding Flume for Sewer Break-In, Donald L. Perley, CE:Nov 68:42

Membrane Lining for Canal Construction, M.E. Hickey and B.V. Jones, CE:Apr 68:51

Monopod, Marshall P. Cloyd, CE:Mar 68:55

Precast Boxes Stacked to Build Hotel for HemisFair, Roy W. Gillette, CE:Mar 68:44

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San Mateo-Hayward Bridge--Innovation in Design & Construction, E.R. Foley and J. Philip Murphy, CE:Apr 68:54

San Mateo-Hayward Bridge paved with Epoxy Asphalt, Ben Balala, CE:Apr 68:59

Surveys and Layout for TVA's Nickajack Project, Russell S. Dittmer and Sidney N. Smith, CE:Feb 68:70

Timing is Key to Boeing 747 Project, C.R. Wing, CE:Sept 68:67

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A/E contract negotiation vs bidding, CE:Sept 68:76

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Dsc: David W. Jacobs, CE:Apr 68:89

The Future of Civil Engineering, Thomas C. Kavanagh, CE:Mar 68:62

Relocating Substreet Utility Lines, John J. Kassner, CE:April 68:86

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A/E contract negotiation vs bidding, CE:Sept 68:76

Contract awarded for JFK Airport expansion, CE:Aug 68:98

Status report on Federal contracting for A-E services, CE:Feb 68:60

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BART Tube Ventilation Building, Robert Warshaw, CE:Dec 68:28

Corrosion laboratory tests concrete spalling, CE:Jan 68:83

Engineering Foundation plans conference, July 8-12, Wayland Academy, CE:Mar 68:78

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88th Annual Meeting of the American Water Works Association, Cleveland, June; discusses costs, CE:July 68:68

Behavior of Structures in the Caracas Earthquake, Mark Fintel, CE:Feb 67:42

Cost of Concrete Industrial Buildings, John J. Cherry, CE:Jan 68:42

Cost of highway construction rises, CE:Mar 68:99

New Technology in Low-Income Housing?, Kneeland A. Godfrey, Jr., CE:Jan 68:48

Optimization of Wind Bracing in a Tower, Demetri Zavitzianos, CE:Oct 68:60

Solar Distillation in Australia, R.N. Morse, CE:Aug 68:39

Tunnel Liners for BART Subways, W.W. Wolcott and d. Birkmyer, CE:June 68:53

Dsc: Martin P. Korn, CE:Aug 68:73; Ben C. Gerwick, Jr., CE:Nov 68:31

Upgrading Intersections for Safety, Ralph Meller, CE:Jan 68:40

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Giant Culvert in the Tehachapis, Wayne W. Smith, CE:Aug 68:36

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Amistad Dam begins to store water, CE:Nov 68:77

Box Canyon Dam bidding procedure criticized, CE:Jan 68:78

Egypt--two generators activated at Aswan, CE:Mar 68:98

Grand Coulee generators to be made in America, CE:Sept 67:82; contract awarded, CE:Feb 68:91; bids for fabrication, CE:Mar 68:95

Grand Coulee Power plant to feature artistic design, CE:Apr 68:102

Ground is broken for Tarbela Dam, CE:Dec 68:87

Morrow Point Dam begins water storage, CE:Apr 68:106

Oroville Dam topped out, CE:Nov 67:91; dedicated, CE:June 68:88

Pakistan--Mangla Dam project begins operation, CE:Jan 68:81

Quebec's Manic 5 Dam is topped out, CE:Dec 68:86

Register of Dams to be updated, CE:Dec 68:47

Ruedi Dam Colo. to be completed in 1968, CE:Jan 68:85

San Luis Unit of Central Valley Project dedicated, April 1968, CE:July 68:70

Secretary Udall warns against building High Mountain Sheep Dam, CE:July 68:68

Surveys and Layout for TVA's Nickajack Project, Russell S. Dittmer and Sidney N. Smith, CE:Feb 68:70

Water storage begins at John Day Dam, Columbia River, CE:May 68:76

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Morrow Point Dam Completed, B.P. Bellport, CE:Dec 68:48

DAMS (Rockfill)

Dos Rios project in California recommended by Board of Engineers for Rivers and Harbors CE:Aug 68:101

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The BEST Approach to Engineering Design, Charles E. Carlson, Samuel A. Wigon, and Phillip C. Semprevivo, CE:Nov 68:54

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Golden Gate bridge to have lower deck, CE:June 68:85

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Deflection Coefficients for Steel Beams, C.P. Dave, CE:Oct 68:63

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New Delaware Memorial Bridge is dedicated, CE:Nov 68:74

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Conceptual Rather than 'Exact' Structural Design, Eliahu E. Traum and Wacław Zalewski, CE:July 68:34
Dsc: Robert H. Seay, W.R. Spillers, and James E. Robins, CE:Oct 68:60
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Goals in Interprofessional Cooperation, Waldo G. Bowman, CE:Mar 68:43
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The Use and Misuse of Metal Structures, Harry Czyzewski and Earl C. Sutherland, CE:Aug 68:42
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ASCE Membership Directory produced by computer, CE:Sept 68:73

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Timing is Key to Boeing 747 Project, C.R. Wing, CE:Sept 68:67

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Soft Rock Exploration with Pressure Equipment, Walter V. Jones and Schaefer J. Dixon, CE:Oct 68:34

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American Iron and Steel Institute issues "The Steel Import Problem" CE:Apr 68:03
Colombia--for coastal highway granted by Inter-American Development Bank, CE:Aug 68:99

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ASCE movie on civil engineering available, CE:Apr 68:70
ASCE issues final report on Goals of Engineering Education, CE:Mar 68:64
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Associate Member Forum of Los Angeles Section studies technician Problem, CE:Mar 68:81

Board of Direction approves policy on civil engineering education, CE:July 68:59, Excerpt CE:Aug 68:91

College named for Othmar H. Ammann at the Stony Brook N.Y., campus of the State Univ. of N.Y., CE:May 68:50

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Dsc, B.A. Whisler, CE:Feb 68:77 on decline of engineering graduates (Do You Know That) CE:Nov 67:29

Dsc, Cornelius Wandmacher, CE:Mar 68:94 on engineering educators

Dsc, Michael Paulson, CE:Apr 68:89 on education of expenses for continuing education

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Educating the environmental designer, study by Robert L. Geddes and Bernard P. Spring, CE:Apr 68:95

EJC offers courses in computer programming, CE:Jan 68:79

EJC reports sharp drop in new engineering graduates seeking advanced degrees, CE:Nov 68:65

Interprofessional Conference on Education for Environmental Design, November, University of Notre Dame, CE:Sept 68:76

Is engineering obsolete? Theme of January meeting of the New York Academy of Sciences, CE:Mar 68:77

Lecture series on plastic design planned by AISC, CE:Sept 68:85

Minorities subject of New York State Society of Professional Engineers meeting, CE:Mar 68:96

N.Y. University expands ocean engineering program, CE:Aug 68:102

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San Francisco section sponsors program for training minority groups, CE:May 68:71

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An all-electric city would eliminate pollution, CE:July 68:72

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ASCE Power Division Specialty Conference, Pullman, Wash., Sept. 11-13, discussed research needs in power, CE:Dec 68:47

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Engineers Joint Council report, "Engineers in Uniform," CE:Feb 68:59

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Swedish students seek summer employment, CE:Jan 68:85

Training for water works personnel by the Water Pollution Control Federation offered, CE:Mar 68:97

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New director for ESL, CE:Aug 68:92

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Certification examination on environmental engineering scheduled, CE:Nov 68:66

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Citizen Participation in Urban Renewal Planning, CE:Nov 68:28

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The Future of Civil Engineering, Thomas C. Kavanagh, CE:Mar 68:62

Interprofessional Conference on Education for Environmental Design, November, University of Notre Dame, CE:Sept 68:76

National Meeting on Environmental Engineering, Chattanooga, Tenn., May 13-17, CE:Feb 68:60; program, CE:Mar 68:85; technical highlights, CE:Apr 68:93 report, CE:June 68:44; awards and prizes announced by Board of Direction, CE:June 68:74; Board of Direction meets, CE:June 68:78

Planning the Future of San Francisco Bay, Hans A. Feibusch, CE:Jan 68:70

President Johnson's Conservation Message, CE:Apr 68:106

The Professional Challenge, Louis W. Petulla, CE:May 68:31

Public Health Service's National Center for Air Pollution Control awards 13 research contracts to reduce air pollution for sulphur oxides, CE:Apr 68:106

Structures for a Small Arctic Surface Camp, F.L. Russell, CE:Jan 68:65

EPOXY RESINS

San Mateo-Hayward Bridge paved with Epoxy Asphalt, Ben Balala, CE:Apr 68:59

EQUIPMENT

Japan--U.S. Trade Mission sees market for waste treatment equipment, CE:Feb 68:89

EROSION

Lethig Univ. research team studies dam model, CE:Feb 68:90

ESTHETICS

Aesthetics of Structures, Arthur L. Elliott, CE:June 68:64

Freeway and Rapid Transit Share Corridor, H.L. Payne and W.W. Russell and W.A. Pacheco, CE:May 68:38

Grand Coulee Power plant to feature artistic design, CE:Apr 68:102

Interstate 80 in Sacramento wins Scenic Highway Award, CE:May 68:75

Offshore oil wells to become recreation facilities, CE:June 68:88

Planning the Future of San Francisco Bay, Hans A. Feibusch, CE:Jan 68:70

ESTUARIES

Sanitary Engineering Div. co-sponsors national symposium on estuarine pollution, Stanford Univ., Aug. 23-25, CE:Jan 67:86; CE:Apr 67:54; report, CE:Oct 67:84; proceedings available, CE:May 68:68

ETHICS

Box Canyon Dam bidding procedure criticized, CE:Jan 68:78

EVAPORATION

Pakistan--reservoir siltation and evaporation, CE:July 68:69

Solar Distillation in Australia, R.N. Morse, CE:Aug 68:39

EXCAVATION

Air-Bubble Curtain in Sub-Aqueous Blasting at Muddy Run, Michael Graves, CE:June 68:58

Bracing and Forming: Key to Fast Subway Construction, J. Paul Silvestri, Jr., CE:Dec 68:56

Soft-Ground Tunnels for BART, J. George Thon and Malcolm J. Amos, CE:June 68:52

Controlled Blasting Near Nuclear Reactor, Richard Zenoble, CE:Jan 68:68

Symposium on R&D in Rapid Excavation, Sacramento, Calif., October 28, CE:Sept 68:79

EXPLOSIVES

Air-Bubble Curtain in Sub-Aqueous Blasting at Muddy Run, Michael Graves, CE:June 68:58

Controlled Blasting Near Nuclear Reactor, Richard Zenoble, CE:Jan 68:68

EXPOSITIONS

Engineering Close-up of HemisFair, R.E. Portik, CE:Apr 68:80

Dsc: R.E. Portik, CE:Aug 68:73

Precast Boxes Stacked to Build Hotel for HemisFair, Roy W. Gillette, CE:Mar 68:44

FAILURE

Behavior of Structures in the Caracas Earthquake, Mark Fintel, CE:Feb 67:42

Bureau of Mines requests data on rock failures, CE:Feb 68:91

The Case for Evaluating Performance of Structures, Douglas McHenry and Raymond C. Reese, CE:Mar 68:68

Cause of Silver Bridge collapse studied, CE:Dec 68:87

Deterioration of Concrete in Eisenhower Lock, William R. Waugh, CE:May 68:62

Effects of Japan's Tokachioki earthquake of May 1968 CE:Aug 68:101

Full-Scale Structural Testing and the New York World's Fair, Jack R. Janney, CE:Dec 68:52

The Use and Misuse of Metal Structures, Harry Czyzewski and Earl C. Sutherland, CE:Aug 68:42

Dsc: Cedric Marsh, CE:Nov 68:58

FEDERAL AGENCIES

Urban Transportation \$1 Billion for R&D?, CE:Sept 68:29

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Joint A-E Legislative Affairs Conference, American Institute of Architects and Consulting Engineers Council/U.S.A., January 30-31, Wash., CE:Mar 68:70

Status report on Federal contracting for A-E services, CE:Feb 68:60

FILL (Earth)

Planning the Future of San Francisco Bay, Hans A. Feibusch, CE:Jan 68:70

Refuse Filling of a Swamp in a Fresh Water Lake, Walter L. Dunn, CE:Jan 68:60

FINANCING

Argentina--U.S. engineers aid Inter-American Bank on water supply, Kenneth B. Reynolds, CE:Jan 68:83

Government-private industry team for new cities based on Reston & Columbia experience, CE:Jan 68:84

Water Pollution Control--Gearing Performance to Promise, Edward J. Cleary, CE:Jan 68:62

FIRE PROTECTION

Chicago begins work on new McCormick Place, CE:Oct 68:84

FISHWAYS

Bio-Engineering--Now and in the Future, William M. Striplin, Jr., CE:July 68:49

FLOOD CONTROL

Commission on Irrigation, Drainage and Flood Control Conference, Phoenix, March 28-29, CE:Feb 68:78

Federal Flood Control Policy, Gilbert F. White, CE:Aug 68:60

Dsc: C.J. Posey, CE:Dec 68:76

Flood Control Alternatives and Flood Insurance, William Whipple, Jr., CE:Feb 68:68

The Greater Pittsburgh Renaissance Program, Carl B. Jansen, CE:Sept 68:35

FLOOD PLAINS

Iowa Local Sections cosponsor Sixth Annual Water Resources Design Conference, Iowa State University, January 23-25, CE:Mar 68:82

FLOODS

Map Requirements for Flood-Plain Studies, B. Thomas Hopkins, CE:Feb 68:66

FLOORS

Cost of Concrete Industrial Buildings, John J. Cherry, CE:Jan 68:42

Staggered Wall Beams for Multistory Buildings, Mark Fintel, CE:Aug 68:56

Timing is Key to Boeing 747 Project, C.R. Wing, CE:Sept 68:67

FLOW MEASUREMENT

Conducting an Industrial Water Pollution Survey, William H. Merrill, Jr., CE:May 68:42

Low-Cost Weir for Base Flow Separation, Walter G. Knisel, Jr., C.W. Richardson and Ralph W. Baird, CE:Dec 68:61

FLUID FLOW

ASCE Pipeline Div. co-sponsor of International Symposium on Two-Phase Flow in Pipes, Philadelphia, March 4-6, CE:Feb 68:81

Conducting an Industrial Water Pollution Survey, William H. Merrill, Jr., CE:May 68:42

Flow Calibration by Dye-Dilution Measurement, F.A. Kilpatrick, CE:Feb 68:74

Some Clay-Slurry Friction Factors, William C. Parrish, et al., CE:Feb 68:47

FLUMES

Expanding Flume for Sewer Break-In, Donald L. Perley, CE:Nov 68:42

FOLDED PLATES

Madison, Wis., Coliseum Pays out Quickly, CE:July 68:32

Dsc: Russell S. Fling, CE:Oct 68:62

FOOTINGS

Foundations for Newport Bridge, Louis G. Silano and Alfred Hedefine, CE:Oct 68:37

Predicting Safe Capacity of Pile Groups, James V. Sheehan and Douglas C. Moorhouse, CE:Oct 68:44

FOREIGN ENGINEERING

602-ft-High Lightweight Concrete Building in Australia, J. Stigter, CE:Nov 68:23

Agency for International Development seeks qualified engineers for Vietnam, CE:Feb 68:87

Amistad Dam 76 percent completed, CE:Nov 67:92; near completion, CE:Mar 68:97

Argentina--U.S. engineers aid Inter-American Bank on water supply, Kenneth B. Reynolds, CE:Jan 68:83

Austrian-Brenner Autobahn nears completion, CE:Sept 68:80

Bosphorus Bridge design, CE:Sept 68:80

Brazilian Link in Pan American Highway, Allan F. Lubina, CE:Oct 68:56

British Institution of Civil Engineers marks 150th birthday, CE:Sept 68:71

Canada--Highway-Railway tunnel planned for Ontario, CE:May 68:75

Canada--Suspension bridge to cross St. Lawrence at Quebec, CE:Feb 68:88

Central America plans hydrometeorological project to evaluate water resources, CE:Feb 68:91

Colombia--for coastal highway granted by Inter-American Development Bank, CE:Aug 68:99

Effects of Japan's Tokachioki earthquake of May 1968, CE:Aug 68:101
 Egypt--two generators activated at Aswan, CE:Mar 68:98
 Germany--Work begins on Elbe River Tunnel, CE:Sept 68:79
 Highway to link the Philippine archipelago, CE:Mar 68:95
 India--Sabarigiri Hydroelectric Project, CE:May 68:79
 International Symposia on Prestressed Concrete, Ben C. Gerwick, CE:Sept 68:64
 Japan--Science city to be built, CE:June 68:86
 Japan--Tokyo-Nagoya expressway partly opened, CE:June 68:88
 Labrador Hydroelectric plant among the largest, CE:Jan 68:81
 Osaka--Cast Steel Pipe Columns Speed Airport Construction, CE:Oct 68:86
 Pakistan--Mangla Dam Project begins operation, CE:Jan 68:81
 Pakistan--Reservoir siltation and evaporation, CE:July 68:69
 Pan American Federation of Engineering Societies (UPADI) holds tenth convention in Panama City in August, CE:Oct 68:82
 Reuse of Municipal Waste Water, A. Amramy, CE:May 68:58
 Rio de Janeiro-Sao Paulo highway nears completion, CE:May 68:75
 S.E. Asia-Military construction in the Mekong Delta, CE:Oct 68:87
 South American development proposal, CE:Jan 68:82
 Soviet-Finnish canal reopens, CE:Sept 68:81
 Swedish students seek summer work, CE:Jan 68:85
 Switzerland--new vehicular tunnel opened under Alps, CE:Feb 68:89
 Turkey--London firm chosen for Bosphorus Bridge, CE:May 68:79
 Underwater tank in store oil in Arabian Gulf, CE:Aug 68:102
 Venezuela--Work on Caracas subway to begin this year, CE:Apr 68:102
 West Germany--Several cities planning underground mass transit, CE:July 68:72
 West Germany--Work to start on Elbe River tunnel, CE:June 68:85
 World Federation of Engineering Organizations inaugurated at Paris, March 4-7, CE:Apr 68:84
 The World's Greatest Bridges, Juhani Virola, CE:Oct 68:52

FORMWORK (Construction)

Bracing and Forming: Key to Fast Subway Construction, J. Paul Silvestri, Jr., CE:Dec 68:56
 Cost of Concrete Industrial Buildings, John J. Cherry, CE:Jan 68:42
 Precast Boxes Stacked to Build Hotel for HemisFair, Roy W. Gillette, CE:Mar 68:44

FOUNDATIONS

American Society for Testing and Materials sponsors symposium on deep foundations, San Francisco, June CE:Aug 68:101
 BART's Structural Design, Thomas R. Kuesel, CE:Apr 68:46
 Predicting Safe Capacity of Pile Groups, James V. Sheehan and Douglas C. Moorhouse, CE:Oct 68:44
 Soft Rock Exploration with Pressure Equipment, Walter V. Jones and Schaefer J. Dixon, CE:Oct 68:34
 Structural Design of the Bay Area Rapid Transit System, Thomas R. Kuesel, CE:Apr 68:46
 Underpinning a Landmark, Roger Bethel, CE:Aug 68:67

GEODETIC SURVEYING

Three teams survey faults in California, CE:Mar 68:99

GIRDERS

1,000-ton Portable Crane Lifts Nuclear Reactor Vessel, Walter E. Riley, CE:June 68:70

GLASS FIBERS

Structures for a Small Arctic Surface Camp, F.L. Russell, CE:Jan 68:65

GOVERNMENT AGENCIES

A/E contract negotiation vs bidding, CE:Sept 68:76
 Bonanza--Literature for Civil Engineers, G.B. Moody, CE:Jan 68:46

Contract Shops ruled out by Civil Service Commission, CE:Feb 68:81
 Dept. of Transportation Task Force on Bridge Safety to analyze 700,000 bridges, CE:Apr 68:106
 Federal Institute for Urban Development established, CE:Feb 68:87
 National Air Quality Criteria Advisory Committee to advise on air pollution control, CE:Aug 68:101
 New York City will build world's largest postal building, CE:Aug 68:98
 Office of Water Resources Research 1967 Annual Report, CE:Apr 68:101
 Port Authority Trans-Hudson Corp. receives HUD grant for rail-bus terminal, CE:June 68:88
 President Johnson's conservation message, CE:Apr 68:106
 President's 1968 "Housing and Cities" Program, CE:Apr 68:103
 Public Health Service's National Center for Air Pollution Control awards 13 research contracts to reduce air pollution for sulphur oxides, CE:Apr 68:106
 Registration of all U.S. Bureau of Reclamation engineers urged, CE:Mar 68:80
 Status report on Federal contracting for A-E services, CE:Feb 68:60

GRADUATE STUDY

Goals of Engineering Education, CE:May 68:52

GUARDRAILS

Oil drums used as vehicle crash barrier, CE:Oct 68:88

HANGARS

Hangar for Jumbo jets to be built at O'Hare field, CE:Feb 68:89
 Hyperbolic paraboloid to shelter jets for overnight maintenance, CE:Nov 68:72

HARBOR FACILITIES

Dolos Concrete Armor Protection, E.M. Merrifield, CE:Dec 68:36
 Ocean Engineering and the American Society of Civil Engineers, Thomas C. Kavanagh, CE:Feb 68:55

HARBORS

Planning the Future of San Francisco Bay, Hans A. Feibusch, CE:Jan 68:70

HIGHWAY PLANNING

Design team plans Chicago Expressway, CE:Nov 68:73

HIGHWAY RELOCATION

1968 Highway Act is key housing legislation, CE:Nov 68:72

HIGHWAYS

1968 Highway Act is key housing legislation, CE:Nov 68:72
 Associated General Contractors 49th Annual Conference, Dallas, Tex., CE:May 68:76
 Austrian-Brenner Autobahn nears completion, CE:Sept 68:80
 Automatic detection of stopped vehicles, CE:Feb 68:87
 The BEST Approach to Engineering Design, Charles E. Carlson, Samuel A. Wigon, and Phillip C. Semprevivo, CE:Nov 68:54
 Brazilian Link in Pan American Highway, Allan F. Lubina, CE:Oct 68:56
 Canada--Highway-railway tunnel planned for Ontario, CE:May 68:75
 Colombia--for coastal highway granted by Inter-American Development Bank, CE:Aug 68:99
 Cost of highway construction rises, CE:Mar 68:99
 Deviation from mean traffic speed causes accidents, CE:Oct 68:88
 The Economics of Design Standards for Low-Volume Rural Roads, CE:Mar 68:99
 Freeway and Rapid Transit Share Corridor, H.L. Payne and W.W. Russell and W.A. Pacheco, CE:May 68:38
 Freeway Ramp Control, J.H. Buhr, CE:June 68:36
 Dsc: Joseph M. McDermott, CE:Aug 68:73
 Highways in National Parks, CE:Oct 68:88
 Highway to link the Philippine archipelago, CE:Mar 68:95
 Interstate 80 in Sacramento wins Scenic Highway Award, CE:May 68:75

Japan--Tokyo-Nagoya expressway partly opened, CE:June 68:88
 Mine fire threatens Pennsylvania Turnpike, CE:May 68:79
 National Capital section testifies on road bill, CE:May 68:66
 New highway hearing procedures proposed, CE:Dec 68:90
 Oil drums used as vehicle crash barrier, CE:Oct 68:88
 Pennsylvania's Highest Bridge, Tadeusz Andrzejewski, CE:Aug 68:50
 Permanent Beauty for Bridge Assured by Weathering Steels, S.F. Davidson and J.L. Norris, CE:June 68:33
 Rio de Janeiro-Sao Paulo highway nears completion, CE:May 68:75
 Safety Features on Freeways, H.R. Cooke, CE:Sept 68:56
 Dsc: James R. Novak, CE:Nov 68:31
 Steel highway span to cut construction time and cost, CE:Sept 68:80
 Upgrading Intersections for Safety, Ralph Meller, CE:Jan 68:40
 Workmanship, materials and bridge-deck deterioration aspects of a report from the 47th annual meeting of the Highway Research Board in Washington, D.C., CE:Mar 68:60
 The Yellow Book Means Safer Highway Structures, A.L. Elliott, CE:June 68:67

HIGHWAY TUNNELS

Tunnel under Welland Canal is dedicated, CE:Nov 68:75

HISTORY

Letters in J.K. Finch collection given to ASCE to be in Smithsonian, CE:Oct 68:78
 Remington's Wood Bridges, Karl Culmann, Max Steinhaus, Translator, CE:Mar 68:60
 Dsc: Richard S. Hartenberg, CE:Oct 68:62
 San Antonio acequias named National Historic Landmark, CE:Oct 68:80
 Two railroads designated civil engineering landmarks, CE:Apr 68:71, Plaque presented to Durango-Silverton Railroad CE:Aug 68:55

HOUSING

The Greater Pittsburgh Renaissance Program, Carl B. Jansen, CE:Sept 68:35
 Levitt plans model village for Washington Suburb, CE:Apr 68:107
 New Technology in Low-Income Housing?, Kneeland A. Godfrey, Jr., CE:Jan 68:48
 President's 1968 "Housing and Cities" Program, CE:Apr 68:103
 The Professional Challenge, Louis W. Petulla, CE:May 68:31
 Restrictive building codes hinder low-cost housing, CE:Jan 68:84
 Structures for a Small Arctic Surface Camp, F.L. Russell, CE:Jan 68:65

HYDRAULICS

ASCE Hydraulics Div. conference, Aug. 21-23, M.I.T., CE:May 68:48
 ASCE Hydraulics Division's 16th Annual Specialty Conference, Cambridge, Mass., August 21-23, 1968, CE:July 68:44
 Federal Flood Control Policy, Gilbert F. White, CE:Aug 68:60
 Dsc: C.J. Posey, CE:Dec 68:76
 Flow Calibration by Dye-Dilution Measurement, F.A. Kilpatrick, CE:Feb 68:74
 Revised ASCE manual lists hydraulic translations, CE:Aug 68:90
 Solar Distillation in Australia, R.N. Morse, CE:Aug 68:39

HYDROELECTRIC POWER GENERATION

Egypt--two generators activated at Aswan, CE:Mar 68:98
 India--Sabarigiri Hydroelectric Project, CE:May 68:79
 Labrador--40 miles of dikes being built, CE:Oct 68:85
 Labrador hydroelectric plant among the largest, CE:Jan 68:81
 Morrow Point Dam Completed, B.P. Bellport, CE:Dec 68:48
 Pumped Storage--A Major Hydro Power Resource, Hal W. Hunt, CE:Mar 68:48

HYDROLOGY

ASCE Irrigation & Drainage Div. co-sponsor Symposium on Seepage, Phoenix, March 25-26, CE:Feb 68:78

Engineering Foundation plans conference, Proctor Academy, August 12-16, CE:Mar 68:78; CE:June 68:79
Hydrology Papers from Colorado State University available, CE:Mar 68:99
Urban Hydrology Research Conference, "Water and Metropolitan Man," August 12-16, Andover, N.H., CE:Oct 68:83

ICE

Keeping Ice off Runways, C.M. Bonner, CE:Jan 68:73
Monopod, Marshall P. Cloyd, CE:Mar 68:55

INCINERATORS

ASCE co-sponsors 1968 National Incinerator Conference, New York City, CE:July 68:45
Planning a Municipal Incinerator to Gain Community Acceptance, H.J. Campbell Jr. and A.L. Friedland, CE:Aug 68:64
Regional Districts for Incineration, F.L. Heaney, CE:Aug 68:69

INDUSTRIAL WASTES

Water Quality Management in Transition, Joe G. Moore, Jr., CE:June 68:61

INDUSTRIAL WASTE TREATMENT

Inventory of Combined Sewers, Richard H. Sullivan, CE:Nov 68:52

INFORMATION RETRIEVAL

Dsc, Shu-Tien Li, CE:Feb 68:77 on technology transfer
EJC issues thesaurus of engineering terms, CE:Dec 68:80
Information retrieval of design and research data, CE:June 68:77
Smithsonian has Science information exchange, CE:Aug 68:100
A Systems Concept for Microfilming Drawings, Clay W. Buckley, CE:Sept 68:42
Transfer of Information, CE:Dec 68:82

INSPECTION

Inspection of Welded Structural Steel, A.J. Julicher, CE:June 68:40

INSURANCE

Consulting Engineers Council studies liability insurance at N.Y.C. meeting, CE:June 68:75
Federal Flood Control Policy, Gilbert F. White, CE:Aug 68:60
Dsc: C.J. Posey, CE:Dec 68:76

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Bio-Engineering--Now and in the Future, William M. Striplin, Jr., CE:July 68:49
Commission on Irrigation, Drainage and Flood Control Conference, Phoenix, March 28-29, CE:Feb 68:78
International Commission on Irrigation and Drainage, CE:Dec 68:83
Irrigation and Drainage Division plans conference, CE:Sept 68:73
Membrane Linings for Canal Construction, M.E. Hickey and B.V. Jones, CE:Apr 68:51

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Water System Links Offshore Islands, William F. Bishop, CE:Nov 68:40

LABORATORIES

Army Corps of Engineers to have construction research laboratory, CE:May 68:79

LABOR RELATIONS

Architect-Engineer Conference on "Facing the Union Problem," CE:Jan 68:74

LAKE ERIE

Plan to save Lake Erie, CE:Nov 68:76

LAND RECLAMATION

Northwestern University expands over water, CE:Sept 68:85
Refuse Filling of a Swamp in a Fresh Water Lake, Walter L. Dunn, CE:Jan 68:60
South American development proposal, CE:Jan 68:82

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Airport in Lake Michigan for Chicago?, Milton Pikarsky, CE:Sept 68:52
Flood Control Alternatives and Flood Insurance, William Whipple, Jr., CE:Feb 68:68
Map Requirements for Flood-Plain Studies, B. Thomas Hopkins, CE:Feb 68:66

Planning a Municipal Incinerator to Gain Community Acceptance, H.J. Campbell Jr. and A.L. Friedland, CE:Aug 68:64

Planning the Future of San Francisco Bay, Hans A. Feibusch, CE:Jan 68:70
Refuse Filling of a Swamp in a Fresh Water Lake, Walter L. Dunn, CE:Jan 68:60
World Trade Center project creates 23 acres, CE:Apr 68:101

LASERS

Construction Control With Lasers, Donald Bengston, CE:Apr 68:72

LEGISLATION

1968 Highway Act is key housing legislation, CE:Nov 68:72
Air Quality Act becomes law, CE:Jan 68:82
Dsc, Richard S. Herndon, CE:Feb 68:77 on making metric units mandatory
Federal-state relationships discussed at WPCF meeting, CE:Nov 68:74
Flood Control Alternatives and Flood Insurance, William Whipple, Jr., CE:Feb 68:68
Joint A-E Legislative Affairs Conference, American Institute of Architects and Consulting Engineers Council/U.S.A., January 30-31, Wash., CE:Mar 68:70
National Capital section testifies on road bill, CE:May 68:66
New highway hearing procedures proposed, CE:Dec 68:90
Professional Registration--Why and How, James H. Sams, CE:Mar 68:73
Dsc: Wayman C. Wing, CE:Aug 68:72
Water Pollution Control--Gearing Performance to Promise, Edward J. Cleary, CE:Jan 68:62
Water Quality Management in Transition, Joe G. Moore, Jr., CE:June 68:61

LIBRARIES

ESL has many services for members, CE:Dec 68:83

LIMITED ACCESS HIGHWAYS

Design team plans Chicago Expressway, CE:Nov 68:73

LOADS (Forces)

Deflection Coefficients for Steel Beams, C.P. Dave, CE:Oct 68:63
Equivalent Uniform Load for Beam Deflection, Santokh Saghera, CE:Sept 68:47
Dsc: John W. Brown, CE:Dec 68:76
Full-Scale Structural Testing and the New York World's Fair, Jack R. Janney, CE:Dec 68:52
Increasing Load-Carrying Capacity of Steel Structures, Charles Kandall, CE:Oct 68:48
Predicting Safe Capacity of Pile Groups, James V. Sheenhan and Douglas C. Moorhouse, CE:Oct 68:44
Structural Strength of Plain Concrete Bells, J.S. Alagia, CE:Mar 68:54

LOCKS (Waterways)

Contract awarded for Alabama river canals, CE:Sept 68:85
Deterioration of Concrete in Eisenhower Lock, William R. Waugh, CE:May 68:62
Newburgh Locks on the Ohio, CE:Mar 68:96
Poe Lock dedication planned, CE:June 68:87

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Keeping Ice off Runways, C.M. Bonner, CE:Jan 68:73

MANAGEMENT

ASCE Construction Research Council awards three construction engineering and management grants, CE:Aug 68:87
ASCE co-sponsors 16th Joint Engineering Management Conference, Philadelphia, Sept. 30-Oct. 1, CE:July 68:61
Construction and management research grants available from Engineering Foundation, CE:Jan 68:77

MAPPING

Computer-assisted map making, CE:Nov 68:76
Map Requirements for Flood-Plain Studies, B. Thomas Hopkins, CE:Feb 68:66

MAPS

Map Requirements for Flood-Plain Studies, B. Thomas Hopkins, CE:Feb 68:66

MARINAS

Deficiencies found in handling marine problems, CE:Aug 68:102

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International Conference on Masonry Structures, Austin, Tex., Nov. 30-Dec. 2, 1967, CE:Feb 68:91

MATERIALS

Water System Links Offshore Islands, William F. Bishop, CE:Nov 68:40

MATERIALS TESTING

Deterioration of Concrete in Eisenhower Lock, William R. Waugh, CE:May 68:62

MEASURING INSTRUMENTS

Air-Bubble Curtain in Sub-Aqueous Blasting at Muddy Run, Michael Graves, CE:June 68:58
Electronic Distance Measurement, Road A. Antonino, CE:Feb 68:50
Flow Calibration by Dye-Dilution Measurement, F.A. Kilpatrick, CE:Feb 68:74
Freeway Ramp Control, J.H. Buhr, CE:June 68:36
Dsc: Joseph M. McDermott, CE:Aug 68:73
Map Requirements for Flood-Plain Studies, B. Thomas Hopkins, CE:Feb 68:66
Soft Rock Exploration with Pressure Equipment, Walter V. Jones and Schaefer J. Dixon, CE:Oct 68:34

MECHANICS

Papers for 6th U.S. Congress for Applied Mechanics sought, CE:May 68:71

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Membrane Linings for Canal Construction, M.E. Hickey and B.V. Jones, CE:Apr 68:51

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The Use and Misuse of Metals Structures, Harry Czyzewski and Earl C. Sutherland, CE:Aug 68:42
Dsc: Cedric Marsh, CE:Nov 68:58

METEOROLOGY

American Meteorological Society seminar on weather modification, CE:June 68:89
Central America plans hydrometeorological project to evaluate water resources, CE:Feb 68:91

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Design Charts for Reinforced Concrete Beams in Metric Units, Yin Au-Yeung, CE:May 68:56
Dsc, Richard S. Herndon, CE:Feb 68:77 on making metric units mandatory
Why adopt the metric system?, CE:Nov 68:75

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Army Corps of Engineers to have construction research laboratory, CE:May 68:79
S.E. Asia-Military construction in the Mekong Delta, CE:Oct 68:87

MILITARY PERSONNEL

ASCE stand on draft of engineers, CE:Apr 68:92
Dsc: John T. Gaffey II, CE:Nov 68:48
Engineers Joint Council report, "Engineers in Uniform," CE:Feb 68:59

MINE FIRES

Mine fire threatens Pennsylvania Turnpike, CE:May 68:79

MINES

New method for treating acid mine waste, CE:Dec 68:91

MUNICIPAL ENGINEERING

Chicago issues ordinance for temporarily combined sewer problem, CE:Aug 68:99
The Greater Pittsburgh Renaissance Program, Carl B. Jansen, CE:Sept 68:35
"Operation Cleantown"--an Exercise in Social Engineering, William H. Wisely, CE:Oct 68:33
The Professional Challenge, Louis W. Petulla, CE:May 68:31
Rapid-transit plan for Kansas City, Mo., CE:July 68:71
Relocating Substreet Utility Lines, John J. Kassner, CE:April 68:86
STOLports possibility for Manhattan, CE:July 68:70

NATURAL RESOURCES

Bio-Engineering--Now and in the Future
William M. Striplin, Jr., CE:July 68:49

NEW YORK CITY

New Building Code of New York, Joseph
Kaming, CE:Dec 68:59

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National Academy of Engineering study on civil
aviation released, CE:Sept 68:79

NUCLEAR ELECTRIC POWER GENERATION

Environmental Aspects of Thermal Station
Design, R.T. Richards, CE:May 68:45
TVA contract for largest turbine-generators
for nuclear plant, CE:Sept 68:85

NUCLEAR ENERGY

Costs halt Bolina Island project, CE:Sept 68:85

NUCLEAR RADIATION

Chicago to treat sewage by radiation, CE:Mar
68:98

OCEAN ENGINEERING

Engineering Foundation plans conference, Univ.
of California, August 19-23, CE:Mar 68:78
Monopod, Marshall P. Cloyd, CE:Mar 68:55
Ocean Engineering and the American Society of
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68:55
Specialty Conference on Environmental Engi-
neering, Miami Beach, Fla., Dec. 10-12 papers
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ASCE establishes ocean engineering council,
CE:Mar 67:87; program, CE:July 67:64; pro-
ceedings available, CE:Apr 68:93
Deficiencies found in handling marine problems,
CE:Aug 68:102
N.Y. University expands ocean engineering
program, CE:Aug 68:102
Offshore Technology Conference, Houston,
Tex., May 19-21 1969, CE:Aug 68:98
Scientists to live on ocean floor for 60 days,
CE:July 68:71

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Pikarsky, CE:Sept 68:52
Monopod, Marshall P. Cloyd, CE:Mar 68:55
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Civil Engineers, Thomas C. Kavanagh, CE:Feb
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Offshore oil wells to become recreation facili-
ties, CE:June 68:88
Offshore Technology Conference, Houston,
Tex., May 19-21, 1969, CE:Aug 68:98

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50 engineers elected to National Academy of
Engineering, CE:May 68:67
Bonanza--Literature for Civil Engineers, G.B.
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British Institution of Civil Engineers marks
150th birthday, CE:Sept 68:71
Eighth Congress of the International Associa-
tion for Bridge and Structural Engineering
(IABSE), N.Y.C., Sept. 9-14, CE:July 68:44
Engineers' Council for Professional Develop-
ment selects Sydney B. Ingram Executive Secre-
tary, CE:June 68:80
Local Government Engineering Exchange Pro-
gram formed, CE:June 68:87
Metropolitan section of New York State Society
of Professional Engineers offers courses in com-
puters, CE:Aug 68:99
Papers for 8th U.S. Congress for Applied
Mechanics sought, CE:May 68:71
PCI awards program honors ten projects, CE:
Aug 68:100
World Federation of Engineering Organizations
inaugurated at Paris, March 4-7, CE:Apr 68:94

PAINTING

Highway Research Board conference features
painting structures, predicting accidents, rail
and transit, January, Washington, D.C., CE:
Feb 68:88

PARKING FACILITIES

Parking Lot Retains Natural Elements, Armand
E. Werle, CE:Nov 68:58

Post-Tensioned Slabs for Long-Span Floors,
Keith Thornton, CE:Apr 68:75

PARKS

Highways in National Parks, CE:Oct 68:88

PAVEMENTS

Brazilian Link In Pan American Highway,
Allan F. Lubina, CE:Oct 68:56
Michigan Dept. of State Highways studies
cracking of bituminous resurfacing, CE:July
68:72

PERFORMANCE EVALUATION

New Building Code of New York, Joseph
Kaming, CE:Dec 68:59

PERMEABILITY

Asphaltic Concrete Facing for a Rockfill Dam,
Donald P. Proudfoot, CE:Mar 68:58

PHOTOGRAMMETRY

1968 convention of American Congress of Surveying
and Mapping and American Society of Photogram-
metry, Washington, D.C., March, CE:May 68:74
Map Requirements for Flood-Plain Studies, B.
Thomas Hopkins, CE:Feb 68:66

PILE DRIVING

Foundations for Newport Bridge, Louis G.
Silano and Alfred Hedefine, CE:Oct 68:37
Predicting Safe Capacity of Pile Groups, James
V. Sheehan and Douglas C. Moorhouse, CE:Oct
68:44

PILES

International Symposia on Prestressed Con-
crete, Ben C. Gerwick, CE:Sept 68:64

PIPELINES

ASCE Pipeline Div. co-sponsor of International
Symposium on Two-Phase Flow in Pipes, Phila-
delphia, March 4-6, CE:Feb 68:81
ASCE Pipeline Division-PLCA Specialty Con-
ference, Houston, Tex., Nov. 7, CE:Sept 68:74
Dsc, Frederick C. Zeigler, CE:Apr 68:89 on
incorrect usage of pipe, pipes, piping and pipe-
lines
Dsc: R. Robinson Rowe, CE:Sept 68:63
Dsc, L.E. Hoffmann, CE:July 68:54 on pipe-
line uniformity and regulation
Giant Culvert in the Tehachapis, Wayne W.
Smith, CE:Aug 68:36
Some Clay-Slurry Friction Factors, William
C. Parrish, et al., CE:Feb 68:47
Underground Sewage Treatment Plant in Tokyo,
Ryozo Iwatsuka, CE:Nov 68:49
Water System Links Offshore Islands, William
F. Bishop, CE:Nov 68:40

PIPES

BuRec moves toward pipe, CE:Nov 68:77
Dsc, Frederick C. Zeigler, CE:Apr 68:89 on
incorrect usage of pipe, pipes, piping and
pipelines
Dsc: R. Robinson Rowe, CE:Sept 68:63

PLANNING

Bio-Engineering--Now and in the Future,
William M. Striplin, Jr., CE:July 68:49
Changes in Consulting Engineering, George H.
Leland, CE:Jan 68:39
Dsc: David W. Jacobs, CE:Apr 68:89
Federal Flood Control Policy, Gilbert F.
White, CE:Aug 68:60
Dsc: C.J. Posey, CE:Dec 68:76
Freeway and Rapid Transit Share Corridor,
H.L. Payne and W.W. Russell and W.A.
Pacheco, CE:May 68:38
Jumbo Jets and SST's, John E. Steiner, CE:
Mar 68:70
Planning a Municipal Incinerator to Gain
Community Acceptance, H.J. Campbell Jr. and
A.L. Friedland, CE:Aug 68:64
Relocating Substreet Utility Lines, John J.
Kassner, CE:April 68:86

PLASTICS

Letter on welding flaws, plastic design, CE:
Aug 68:73
Membrane Linings for Canal Construction,
M.E. Hickey and B.V. Jones, CE:Apr 68:51
Structures for a Small Arctic Surface Camp,
F.L. Russell, CE:Jan 68:65
Symposium on structural plastics, June 13-14,
1968, Univ. of Va., papers solicited, CE:Aug
67:87; conference cancelled, CE:Feb 68:83

PLUMBING

First municipality adopts BOCA Basic Plumb-
ing Code, CE:Oct 68:86

POLLUTION

Chicago to treat sewage by radiation, CE:Mar
68:98

POWER

ASCE co-sponsors 12th Annual Joint Power
Generation Conference, San Francisco, Sept.
15-19, CE:July 68:60
Grand Coulee Power plant to feature artistic
design, CE:Apr 68:102
Secretary Udall warns against building High
Mountain Sheep Dam, CE:July 68:68
Specialty Research Conference on Power
Research Needs Pullman, Wash., September
11-13, CE:Aug 68:89

POWER PLANTS

1,000-ton Portable Crane Lifts Nuclear Reac-
tor Vessel, Walter E. Riley, CE:June 68:70
Environmental Aspects of Thermal Station
Design, R.T. Richards, CE:May 68:45
Morrow Point Dam Completed, B.P. Bellport,
CE:Dec 68:48
Pumped Storage--A Major Hydro Power
Resource, Hal W. Hunt, CE:Mar 68:48
Third powerhouse planned for Grand Coulee
Dam, CE:Dec 68:90
TVA to construct coal-fired power plant,
CE:Feb 68:91

PREFABRICATION

New Technology in Low-Income Housing?,
Kneeland A. Godfrey, Jr., CE:Jan 68:48
Prefabricated Steel Buildings, CE:July 68:54
Dsc: Robert S. Henry, CE:Oct 68:62

PRESSURE GAGES

Soft Rock Exploration with Pressure Equip-
ment, Walter V. Jones and Schaefer J. Dixon,
CE:Oct 68:34

PRESTRESSING

Increasing Load-Carrying Capacity of Steel
Structures, Charles Kandall, CE:Oct 68:48
Post-Tensioned Slabs for Long-Span Floors,
Keith Thornton, CE:Apr 68:75

PROFESSIONAL ACTIVITIES

50 Engineers elected to National Academy of
Engineering, CE:May 68:67
Cleveland Section active in career guidance
work, CE:May 68:67
Engineers available as advisers to political
parties, CE:July 68:63
Our Changing Practice (Younger Viewpoint),
William H. Gill, CE:Sept 68:78
PAC Workshop held in Pittsburgh, CE:Nov
68:66
Professional activities of ASCE reviewed by
committee members, CE:Oct 68:81
Professional sessions draw more attendees,
CE:Apr 68:93
San Francisco Section sponsors second annual
Engineering for People Conference, CE:Dec
68:79

PROFESSIONAL ADVANCEMENT

ASCE issues final report on Goals of Engineer-
ing Education, CE:Mar 68:64
Conference on Interprofessional Practice in
Environmental Design, Univ. of Maryland, Nov.
1967, CE:Jan 68:56
Dsc, John M. Rungee, CE:July 67:65 on use of
the initials P.E.
Dsc: James E. Alverson, CE:Mar 68:94
Goals in Interprofessional Cooperation, Waldo
G. Bowman, CE:Mar 68:43
Goals of Engineering Education, CE:May 68:52
Dsc: G.R. Hall, CE:Sept 68:63
Is Engineering Obsolete, William H. Wisely,
CE:Feb 68:41
Dsc: Robert J. Schultz, CE:May 68:44, Paul
C. Disario, CE:May 68:44; James J. Furse,
Jr., CE:May 68:44; Fred J. Burgess, CE:May
68:55
Joint A-E Legislative Affairs Conference,
American Institute of Architects and Consulting
Engineers Council/U.S.A., January 30-31,
Wash., CE:Mar 68:70
Minorities subject of New York State Society of
Professional Engineers meeting, CE:Mar 68:96
The Professional Challenge, Louis W. Petulla,
CE:May 68:31

World Federation of Engineering Organizations inaugurated at Paris, March 4-7, CE:Apr 68:94

PROFESSIONAL ENGINEERING

Changes in Consulting Engineering, George H. Leland, CE:Jan 68:39
 Dsc: David W. Jacobs, CE:Apr 68:89
 Professional Registration--Why and How, James H. Sams, CE:Mar 68:73
 Dsc: Wayman C. Wing, CE:Aug 68:72
 Systems Engineering, William H. Wisely, CE:Apr 68:45
 Dsc: George D. Clyde, CE:July 68:54; Jon C. Liebman, CE:July 68:54; John A. Logan, CE:July 68:54

PROFESSIONAL PRACTICE

Architect-Engineer Conference on "Facing the Union Problem," CE:Jan 68:74
 ASCE-APWA publication to describe role of engineer, CE:Dec 68:78
 ASCE committee on Conditions of Practice Reports, CE:Apr 68:90
 ASCE Committee on Engineers in Public Practice report on unions and public agencies, CE:Feb 68:79
 Dsc: A.R. Turk, CE:June 68:69
 ASCE takes part in conference on unionization, CE:Nov 68:63
 The Future of Civil Engineering, Thomas C. Kavanagh, CE:Mar 68:62
 Should You be a Professional? (Younger Viewpoint) Jose J. Correa, CE:Apr 68:96

PROFILES

Robert Lea, aide to People-to-People Program, dies, CE:Nov 68:75

PROGRAMS

Universal Programs--Third Generation Systems for Third Generation Computers, Charles P.C. Tung and David Carsen, CE:Feb 68:62
 Dsc: James D. Fitzgerald, CE:May 68:61; authors reply, CE:May 68:61; Robert N. Smart, CE:June 68:69
 Dsc: of Fitzgerald, S.J. Fenves, CE:Aug 68:72

PROTECTIVE COATINGS

Asphaltic Concrete Facing for a Rockfill Dam, Donald P. Proudfit, CE:Mar 68:58

PUBLICATIONS

"67 Draft Act" available form Scientific Manpower Commission, CE:May 68:49
 Addenda to American Welding Society publications, CE:Feb 68:89
 The Aluminum Construction Manual is available, CE:Apr 68:103
 ASCE issues final report on Goals of Engineering Education, CE:Mar 68:64
 Bonanza--Literature for Civil Engineers, G.B. Moody, CE:Jan 68:46
 EJC "Directory of Engineering Societies and Related Organizations" available, CE:Apr 68:94
 Goals of Engineering Education, CE:May 68:52
 Dsc: G.R. Hall, CE:Sept 68:63
 Hydrology papers from Colorado State University available, CE:Mar 68:99
 Local Section report on backfilling, CE:Oct 68:81
 "Plastic Design of Braced Multistory Steel Frames" published, CE:Sept 68:81
 "The Practice of Geotechnical Engineering" available, CE:May 68:50
 Publish and Flourish, William H. Wisely, CE:June 68:29
 Dsc: Bruce G. Johnston, CE:Aug 68:73
 "Report on Physical Effects of Sonar Boom" issued, CE:May 68:78
 The Standard Handbook for Civil Engineers is available, CE:June 68:87
 Teaching Report Writing, Herman A. Estrin, CE:Dec 68:65
 Technology in Western Civilization is available, CE:Mar 68:98

PUBLIC WORKS

APWA meets in Miami Beach, Oct. 19-24, CE:Dec 68:86
 Expanding Flume for Sewer Break-In, Donald L. Perley, CE:Nov 68:42

PUMPED STORAGE

Pumped Storage--A Major Hydro Power Resource, Hal W. Hunt, CE:Mar 68:48

PUMPS

Optimizing Conveyance Systems for Water Transmission, David R. Miller and James P. Miller, CE:July 68:38
 Dsc: Edward J. Low, CE:Nov 68:58
 Pumped Storage--A Major Hydro Power Resource, Hal W. Hunt, CE:Mar 68:48

RAILROADS

Canada--Highway-railway tunnel planned for Ontario, CE:May 68:75
 Two railroads designated civil engineering landmarks, CE:Apr 68:71, Plaque presented to Durango-Silverton Railroad CE:Aug 68:55

RAIL TRANSPORTATION

Balanced transportation for downtown area advocated by HUD, CE:May 68:74

RAPID TRANSIT

BART 5-year progress report, CE:Jan 68:81
 BART's Structural Design, Thomas R. Kuesel, CE:Apr 68:46
 Freeway and Rapid Transit Share Corridor, H.L. Payne and W.W. Russell and W.A. Pacheco, CE:May 68:38
 HUD sponsors public transit projects in Los Angeles' Watts and Suburban Chicago, CE:Feb 68:90
 Rapid-transit plan for Kansas City, Mo., CE:July 68:71
 Structural Design of the Bay Area Rapid Transit System, Thomas R. Kuesel, CE:Apr 68:46
 Tunnel Liners for BART Subways, W.W. Wolcott and d. Birkmyer, CE:June 68:55
 Dsc: Martin P. Korn, CE:Aug 68:73; Ben C. Gerwick, Jr., CE:Nov 68:31
 Urban Transportation \$1 Billion for R&D?, CE:Sept 68:29
 Venezuela--Work on Caracas subway to begin this year, CE:Apr 68:102
 Washington D.C.--Design for downtown rapid transit station, CE:Feb 68:87; to be regional system, CE:Feb 68:90; automatic operation to be used, CE:Apr 68:101; engineering work starts, CE:July 68:72
 West Germany--Several cities planning underground mass transit, CE:July 68:72

REACTORS

1,000-ton Portable Crane Lifts Nuclear Reactor Vessel, Walter E. Riley, CE:June 68:70

RECREATIONAL FACILITIES

Chicago begins work on new McCormick Place, CE:Oct 68:84
 Engineering Close-up of HemisFair, R.E. Portik, CE:Apr 68:80
 Dsc: R.E. Portik, CE:Aug 68:73
 Federal grant to help restore Cleveland beaches, CE:June 68:85
 Madison, Wis., Coliseum Pays out Quickly, CE:July 68:32
 Dsc: Russell S. Fling, CE:Oct 68:62
 Offshore oil wells to become recreation facilities, CE:June 68:88

REFUSE DISPOSAL

Garbage in the ghetto, CE:Oct 68:88
 Management of solid waste studied at M.I.T., CE:Dec 68:89
 "Operation Cleantown"--an Exercise in Social Engineering, William H. Wisely, CE:Oct 68:33
 Regional Districts for Incineration, F.L. Heaney, CE:Aug 68:69
 Sludge Disposal at Sea, CE:Aug 68:62

REGIONAL PLANNING

Airport in Lake Michigan for Chicago?, Milton Pikarsky, CE:Sept 68:52
 The Central Arizona Project, CE:Dec 68:92
 Dept. of Health, Education and Welfare delineates air quality control areas, CE:Mar 68:95
 Optimizing Conveyance Systems for Water Transmission, David R. Miller and James P. Miller, CE:July 68:38
 Dsc: Edward J. Low, CE:Nov 68:58
 Planning the Future of San Francisco Bay, Hans A. Feibusch, CE:Jan 68:70
 Pollution program adopted for Lake Michigan, CE:May 68:78
 Regional Districts for Incineration, F.L. Heaney, CE:Aug 68:69
 Water Pollution Control--Gearing Performance to Promise, Edward J. Cleary, CE:Jan 68:62

REGISTRATION

Professional activities of ASCE reviewed by committee members, CE:Oct 68:81
 Professional Registration--Why and How, James H. Sams, CE:Mar 68:73
 Dsc: Wayman C. Wing, CE:Aug 68:72
 Registration of all U.S. Bureau of Reclamation engineers urged, CE:Mar 68:80
 Should ASCE Place Additional Emphasis on Registration? (Younger Viewpoint) Frank M. Powell, CE:Feb 68:84

REGULATIONS

Dsc, L.E. Hoffmann, CE:July 68:54 on pipeline uniformity and regulation
 Environmental Aspects of Thermal Station Design, R.T. Richards, CE:May 68:45
 Federal Flood Control Policy, Gilbert F. White, CE:Aug 68:60
 Professional Registration--Why and How, James H. Sams, CE:Mar 68:73
 Dsc: Wayman C. Wing, CE:Aug 68:72
 Water Pollution Control--Gearing Performance to Promise, Edward J. Cleary, CE:Jan 68:62

REINFORCEMENT (Structures)

Increasing Load-Carrying Capacity of Steel Structures, Charles Kandall, CE:Oct 68:48

RESEARCH

Army Corps of Engineers to have construction research laboratory, CE:May 68:79
 ASCE Committee on Research meets in New York, CE:Mar 68:67
 ASCE Construction Research Council awards three construction engineering and management grants, CE:Aug 68:87
 ASCE forms Construction Research Council, CE:Aug 68:90
 Bakhmeteff Research Fellowship offered for 1969-70, CE:Sept 68:80
 Column Research Council, annual technical session, San Francisco, May 23 and 24, CE:Apr 68:96
 Committee on Study of National Requirements of Civil Engineering meets, Colorado State University, July, CE:Sept 68:51
 Construction and management research grants available from Engineering Foundation, CE:Jan 68:77
 Corrosion laboratory tests concrete spalling, CE:Jan 68:83
 Durability of prestressed concrete structures to be studied, CE:July 68:70
 Engineering Foundation Conference on performance of full-scale structures, Aug., Andover, N.H., CE:Oct 68:78
 Engineering Foundation plans 16 summer research conferences, CE:Mar 68:78
 Information retrieval of design and research data, CE:June 68:77
 John J. Baumgartner wins Ammann Research Fellowship, CE:Sept 68:72
 Kinetic Buildings, William Zuk, CE:Dec 68:62
 Lehigh Univ. research team studies dam model, CE:Feb 68:90
 Office of Water Resources Research 1967 Annual Report, CE:Apr 68:101
 Public Health Service's National Center for Air Pollution Control awards 13 research contracts to reduce air pollution for sulphur oxides, CE:Apr 68:106
 Research Council on Performance of Full-Scale Structures plans 3 projects, CE:Feb 68:82
 Scientists to live on ocean floor for 60 days, CE:July 68:71
 SESA spring meeting, Philadelphia, May 13-16, papers wanted, CE:Sept 68:73
 Specialty Research Conference on Power Research Needs Pullman, Wash., September 11-13, CE:Aug 68:89
 Urban Hydrology Research Conference, "Water and Metropolitan Man," August 12-16, Andover, N.H., CE:Oct 68:83
 Urban Transportation \$1 Billion for R&D?, CE:Sept 68:29

RESERVOIRS

Hydraulics and Sanitary Engineering Divisions co-sponsor research conference on reservoir effects, Jan. 21-24, Portland, Oreg., CE:Mar 68:66

REVTMENTS

Babions--New Ideas for a Proven Device, Serge Lavagnino, CE:July 68:52

RIVERS

- Dos Rios project in California recommended by Board of Engineers for Rivers and Harbors CE:Aug 68:101
- Environmental Aspects of Thermal Station Design, R.T. Richards, CE:May 68:45
- Flood Control Alternatives and Flood Insurance, William Whipple, Jr., CE:Feb 68:68
- Great Lakes Water Resources Conference, June 24-26, Toronto, Canada, program, CE:Apr 68:97
- Man-made river proposed from Nebraska to Texas, CE:Feb 68:89
- South American development proposal, CE:Jan 68:82

ROCK (Material)

- Air-Bubble Curtain in Sub-Aqueous Blasting at Muddy Run, Michael Graves, CE:June 68:58
- Asphaltic Concrete Facing for a Rockfill Dam, Donald P. Proudfoot, CE:Mar 68:58
- Controlled Blasting Near Nuclear Reactor, Richard Zenoble, CE:Jan 68:68

ROCKFILL

- Asphaltic Concrete Facing for a Rockfill Dam, Donald P. Proudfoot, CE:Mar 68:58

ROCK MECHANICS

- Bureau of Mines requests data on rock failures, CE:Feb 68:91
- Giant machine to test rockfill materials, CE:Apr 68:102
- Metropolitan Sections offers seminar on Rock Mechanics in Civil Engineering practice, CE:Mar 68:78

ROOFS

- Cost of Concrete Industrial Buildings, John J. Cherry, CE:Jan 68:42
- Madison, Wis., Coliseum Pays out Quickly, CE:July 68:32
- Dsc: Russell S. Fling, CE:Oct 68:62

RUNWAYS

- Keeping Ice off Runways, C.M. Bonner, CE:Jan 68:73

SAFETY

- 66th Annual Convention of the American Road Builders' Association, Las Vegas, Nev., Feb. 11-14 CE:Apr 68:100
- 7th Annual Construction Safety Conference, CE:Dec 68:89
- Airport in Lake Michigan for Chicago?, Milton Pikarsky, CE:Sept 68:52
- Dept. of Transportation Task Force on Bridge Safety to analyze 700,000 bridges, CE:Apr 68:106
- Deviation from mean traffic speed causes accidents, CE:Oct 68:88
- Dsc, L.E. Hoffmann, CE:July 68:54 on pipeline uniformity and regulation
- More color in traffic signs urged, CE:Mar 68:97
- Oil drums used as vehicle crash barrier, CE:Oct 68:88
- Senate Subcommittee on Roads of the Committee on Public Works hearings, March 18, 19 and 20, CE:May 68:49
- Upgrading Intersections for Safety, Ralph Meller, CE:Jan 68:40
- The Yellow Book Means Safer Highway Structures, A.L. Elliott, CE:June 68:67

SAFETY DEVICES

- Safety Features on Freeways, H.R. Cooke, CE:Sept 68:56
- Dsc: James R. Novak, CE:Nov 68:31

SALARIES

- ASCE committee on Conditions of Practice Reports, CE:Apr 68:90
- EJC urges participation in 1968 salary survey, CE:July 68:60

SAN FRANCISCO

- Citizen Participation in Urban Renewal Planning, CE:Nov 68:28

SANITARY ENGINEERING

- Conference explores solid waste research and development, CE:Nov 68:62
- National Symposium on Sanitary Engineering Research Development and Design, Cornell University, July 14-16, CE:Nov 68:63
- Planning a Municipal Incinerator to Gain Community Acceptance, H.J. Campbell, Jr. and A.L. Friedland, CE:Aug 68:64

- Regional Districts for Incineration, F.L. Heaney, CE:Aug 68:69
- Sludge Disposal at Sea, CE:Aug 68:62
- A Synergistic Approach to Phosphorous Removal, Robert J. Sherwood, CE:May 68:32
- Underground Sewage Treatment Plant in Tokyo, Ryoza Iwatsuka, CE:Nov 68:49
- Water Quality Management in Transition, Joe G. Moore, Jr., CE:June 68:61

SANITARY LANDFILL

- Sanitary landfill to replace Kenilworth Dump, Washington, D.C., CE:Mar 68:97

SANITARY SEWERS

- Inventory of Combined Sewers, Richard H. Sullivan, CE:Nov 68:52

SCHEDULING

- Timing is Key to Boeing 747 Project, C.R. Wing, CE:Sept 68:67

SCHOLARSHIPS

- Freeman Scholarship available, CE:Jan 68:58

SCHOOLS

- New draft rules and the graduate schools, CE:May 68:68
- New Technology in Low-Income Housing?, Kneeland A. Godfrey, Jr., CE:Jan 68:48

SEA WALLS

- Dolos Concrete Armor Protection, E.M. Merrifield, CE:Dec 68:38

SEEPAGE

- ASCE Irrigation & Drainage Div. co-sponsor Symposium on Seepage, Phoenix, March 25-26, CE:Feb 68:78
- Membrane Linings for Canal Construction, M.E. Hickey and B.V. Jones, CE:Apr 68:51

SEPARATION

- Plant to demineralize acid-mine wastes in Pennsylvania, CE:Apr 68:107

SETTLEMENT (Structural)

- Predicting Safe Capacity of Pile Groups, James V. Sheehan and Douglas C. Moorhouse, CE:Oct 68:44
- Refuse Filling of a Swamp in a Fresh Water Lake, Walter L. Dunn, CE:Jan 68:60
- Underpinning a Landmark, Roger Bethel, CE:Aug 68:67

SEWAGE

- Chicago issues ordinance for temporarily combined sewer problem, CE:Aug 68:99
- Sludge Disposal at Sea, CE:Aug 68:62

SEWAGE TREATMENT

- Chicago to treat sewage by radiation, CE:Mar 68:98
- Inventory of Combined Sewers, Richard H. Sullivan, CE:Nov 68:52
- Reuse of Municipal Waste Water, A. Amramy, CE:May 68:58
- A Synergistic Approach to Phosphorous Removal, Robert J. Sherwood, CE:May 68:32
- Underground Sewage Treatment Plant in Tokyo, Ryoza Iwatsuka, CE:Nov 68:49
- Water Quality Management in Transition, Joe G. Moore, Jr., CE:June 68:61

SEWERS

- Expanding Flume for Sewer Break-In, Donald L. Perley, CE:Nov 68:42
- Inventory of Combined Sewers, Richard H. Sullivan, CE:Nov 68:52
- Underground Sewage Treatment Plant in Tokyo, Ryoza Iwatsuka, CE:Nov 68:49

SHAFTS (Excavation)

- ASCE co-sponsors with AIME specialty conference on tunneling and shaft sinking, CE:Aug 68:85

SHEAR STRESS

- Predicting Safe Capacity of Pile Groups, James V. Sheehan and Douglas C. Moorhouse, CE:Oct 68:44

SHELLS

- Cost of Concrete Industrial Buildings, John J. Cherry, CE:Jan 68:42

SHIELDS

- Soft-Ground Tunnels for BART, J. George Thon and Malcolm J. Amos, CE:June 68:52

SHORE PROTECTION

- Dolos Concrete Armor Protection, E.M. Merrifield, CE:Dec 68:38
- Gabions--New Ideas for a Proven Device, Serge Lavagnino, CE:July 68:52

SHORING

- Bracing and Forming: Key to Fast Subway Construction, J. Paul Silvestri, Jr., CE:Dec 68:56

SIGNALS

- Upgrading Intersections for Safety, Ralph Meller, CE:Jan 68:40

SIGNS

- More color in traffic signs urged, CE:Mar 68:97

SILTS

- Pakistan--Reservoir siltation and evaporation, CE:July 68:69

SLABS

- Post-Tensioned Slabs for Long-Span Floors, Keith Thornton, CE:Apr 68:75

SLUDGE

- Sludge Disposal at Sea, CE:Aug 68:62
- Underground Sewage Treatment Plant in Tokyo, Ryoza Iwatsuka, CE:Nov 68:49

SOIL MECHANICS

- ASCE and AIME to co-sponsor tunneling conference, Univ. of Minnesota, May 15-17, CE:Apr 68:71
- Effect of Submerged Curing on Soil-Cement Mixtures, Dalim K. Majumdar, CE:July 68:58
- Effects of Blasting Vibrations on Buildings and People, John F. Wiss, CE:July 68:46
- International Symposium on Earth Materials co-sponsored by ASCE and others, Albuquerque, N. Mex., Aug. 23-25, CE:Mar 67:89; CE:July 67:66; report, CE:Oct 67:85; proceedings available, CE:Jan 68:75
- "The Practice of Geotechnical Engineering" available, CE:May 68:50
- Soft Rock Exploration with Pressure Equipment, Walter V. Jones and Schaefer J. Dixon, CE:Oct 68:34

SOILS

- Engineering Foundation plans conference, Wayland Academy, July 15-19, CE:Mar 68:78

SOLAR RADIATION

- Solar Distillation in Australia, R.N. Morse, CE:Aug 68:39

SOLID WASTES

- Compost plant for refuse and sewage sludge, CE:Oct 68:87
- Conducting an Industrial Water Pollution Survey, William H. Merrill, Jr., CE:May 68:42
- Engineering Foundation plans conference, Wayland Academy, July 22-26, CE:Mar 68:78
- Planning a Municipal Incinerator to Gain Community Acceptance, H.J. Campbell, Jr. and A.L. Friedland, CE:Aug 68:64
- Regional Districts for Incineration, F.L. Heaney, CE:Aug 68:69
- Sanitary landfill to replace Kenilworth dump, Washington, D.C., CE:Mar 68:97
- Sludge Disposal at Sea, CE:Aug 68:62

SOUND WAVES

- "Report on Physical Effects of Sonic Boom" issued, CE:May 68:78

SPECIFICATIONS

- The Aluminum Construction Manual is available, CE:Apr 68:103
- American Institute of Steel Construction 20th Annual Conference, Washington, D.C., CE:June 68:84
- Inspection of Welded Structural Steel, A.J. Julicher, CE:June 68:40

SPEECH

- How to Make a Speech, Nicholas W. Classen, CE:Nov 68:60

SPILLWAYS

Lehigh Univ. research team studies dam model, CE:Feb 68:90

STABILITY

Kinetic Buildings, William Zuk, CE:Dec 68:62

STANDARDS

Bonanza--Literature for Civil Engineers, G.B. Moody, CE:Jan 68:46
 The Economics of Design Standards for Low-Volume Rural Roads, CE:Mar 68:99
 Enforcing Delaware Basin's water-quality standards, CE:Sept 68:81
 Water Quality Management in Transition, Joe G. Moore, Jr., CE:June 68:61
 The Yellow Book Means Safer Highway Structures, A.L. Elliott, CE:June 68:67

STEELS

AISC honors beautiful steel-framed buildings, CE:Sept 68:84
 American Institute of Steel Construction 20th Annual Conference, Washington, D.C., CE:June 68:84
 American Iron and Steel Institute issues "The Steel Import Problem" CE:Apr 68:83
 Delaware--Delaware Memorial Bridge to have twin span, CE:Jan 68:96; placement of roadway, CE:Jan 68:82
 Design in Steel Award Program for 1968-69 opened, CE:Oct 68:85
 Engineering Close-up of HemisFair, R.E. Portik, CE:Apr 68:80
 Dsc: R.E. Portik, CE:Aug 68:73
 Increasing Load-Carrying Capacity of Steel Structures, Charles Kandall, CE:Oct 68:48
 Indiana Section Branch to sponsor workshops on computers and steel building, CE:Aug 68:92
 Inspection of Welded Structural Steel, A.J. Julicher, CE:June 68:40
 International Symposium on Prestressed Concrete, Ben C. Gerwick, CE:Sept 68:64
 Large floating drydock under construction, CE:June 68:85
 Manhattan office building for U.S. steel, CE:Aug 68:99
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